

wherein said pixel electrode comprises an electrode hole which is filled up with an insulator comprising an organic resin, and

wherein said pixel electrode is connected to said TFT.

2.(Amended) A self-light-emitting device comprising:

a TFT;

a pixel electrode over said TFT;

a light emitting layer over said pixel electrode; and

a cathode over said light emitting layer,

31 wherein said pixel electrode comprises an electrode hole which is filled up with an insulator comprising an organic resin,

wherein said pixel electrode is connected to said TFT, and

wherein said insulator in said electrode hole is sandwiched between said pixel electrode and said light emitting layer.

3.(Amended) A self-light-emitting device comprising:

a TFT;

a pixel electrode over said TFT;

a light emitting layer over said pixel electrode; and

a cathode over said light emitting layer,

wherein said pixel electrode comprises an electrode hole which is filled up with an insulator comprising an organic resin,

wherein said pixel electrode is connected to said TFT, and

wherein said light emitting layer is also formed over a surface of said insulator.

4.(Amended) A self-light-emitting device comprising:

a TFT;

a pixel electrode over said TFT;

a light emitting layer over said pixel electrode; and

a cathode over said light emitting layer,

wherein said pixel electrode comprises an electrode hole which is filled up with an insulator

*B1*  
*Comp.* comprising an organic resin,

wherein said pixel electrode is connected to said TFT, and

wherein said light emitting layer and said insulator are sandwiched between said pixel electrode and said cathode.

5.(Amended) A self-light-emitting device comprising:

a plurality of TFTs;

a plurality of pixel electrodes over said TFTs;

a light emitting layer over said pixel electrodes; and

a cathode over said light emitting layer,

wherein said pixel electrodes are connected to said TFTs, respectively, and

wherein a plurality of said pixel electrodes are formed in a pixel portion and an insulator is formed in each space between said pixel electrodes.

6.(Twice Amended) A self-light-emitting device according to claim 1, wherein a surface of

B1  
om

said pixel electrode and a surface of said insulator are planarized to be flush with each other.

---

Cancel claims 8-10.

---

11.(Amended) A self-light-emitting device comprising:  
at least two first electrodes formed over a substrate with a gap between said first electrodes;  
an insulating layer formed in the gap between said first electrodes;  
a light emitting layer formed over said first electrodes and said insulating layer; and  
a second electrode opposed to said at least two first electrodes with said light emitting layer  
interposed therebetween.

B2

12.(Amended) The self-light-emitting device according to claim 11 wherein said first  
electrodes function as an anode while said second electrode functions as a cathode.

13.(Amended) The self-light-emitting device according to claim 11 wherein said self-light  
emitting device is a passive display device.

14.(Amended) The self-light-emitting device according to claim 11 wherein said light  
emitting layer comprises an organic material.

15.(Amended) A self-light-emitting device comprising:  
at least one switching element;  
at least one interlayer insulating film formed over said switching element;

a contact hole opened in said interlayer insulating film;

a pixel electrode formed over said interlayer insulating film and electrically connected to said switching element through said contact hole;

an insulating layer comprising an organic resin formed on a portion of said pixel electrode in said contact hole;

a light emitting layer formed over said pixel electrode and said insulating layer; and

a second electrode formed over said light emitting layer.

B2  
comp.

16.(Amended) The self-light-emitting device according to claim 15 wherein said switching element comprises a thin film transistor.

17.(Amended) The self-light-emitting device according to claim 15 wherein said switching element comprises a transistor formed within a silicon substrate.

18.(Amended) The self-light-emitting device according to claim 15 wherein said pixel electrode is an anode while said second electrode is a cathode.

19.(Amended) The self-light-emitting device according to claim 15 wherein said pixel electrode is a cathode while said second electrode is an anode.

20.(Amended) The self-light-emitting device according to claim 15 wherein said light emitting layer comprises at least one organic material.

21.(Amended) The self-light-emitting device according to claim 15 wherein a surface of said insulating layer is substantially flush with a surface of said pixel electrode.

22.(Amended) A self-light-emitting device comprising:

at least first and second switching elements;

at least one interlayer insulating film formed over said first and second switching elements;

at least first and second pixel electrodes formed over said interlayer insulating film wherein

said first and second pixel electrodes are electrically connected to said first and second switching elements, respectively;

an insulating layer formed in a gap between said first and second pixel electrodes;

a light emitting layer formed over said first and second pixel electrodes and said insulating layer; and

a third electrode formed over said light emitting layer opposed to said first and second pixel electrodes.

23.(Amended) The self-light-emitting device according to claim 22 wherein said switching element comprises a thin film transistor.

24.(Amended) The self-light-emitting device according to claim 22 wherein said switching element comprises a transistor formed within a silicon substrate.

25.(Amended) The self-light-emitting device according to claim 22 wherein each of said first and second pixel electrodes is an anode while said third electrode is a cathode.

26.(Amended) The self-light-emitting device according to claim 22 wherein each of said first and second pixel electrodes is a cathode while said third electrode is an anode.

B2  
Comp.  
27.(Amended) The self-light-emitting device according to claim 22 wherein said light emitting layer comprises at least one organic material.

28.(Amended) The self-light-emitting device according to claim 22 wherein a surface of said ~~insulating layer is substantially flush with a surface of said first and second pixel electrodes.~~

35.(Amended) A self-light-emitting device according to claim 2, wherein a surface of said pixel electrode and a surface of said insulator are planarized to be flush with each other.

B2  
36.(Amended) A self-light-emitting device according to claim 3, wherein a surface of said pixel electrode and a surface of said insulator are planarized to be flush with each other.

37.(Amended) A self-light-emitting device according to claim 4, wherein a surface of said pixel electrode and a surface of said insulator are planarized to be flush with each other.

38.(Amended) A self-light-emitting device according to claim 5, wherein surfaces of said pixel electrodes and surfaces of said insulator are planarized to be flush with each other.

Please add the following new claims:

---

43.(New) An electric equipment, which uses a self-light-emitting device according to claim 11, as a display portion or a light source.

44.(New) An electric equipment, which uses a self-light-emitting device according to claim 15, as a display portion or a light source.



45.(New) An electric equipment, which uses a self-light-emitting device according to claim 22, as a display portion or a light source.

46.(New) The self-light-emitting device according to claim 1 wherein said self-light emitting device is a passive display device.

47.(New) The self-light-emitting device according to claim 2 wherein said self-light emitting device is a passive display device.

48.(New) The self-light-emitting device according to claim 3 wherein said self-light emitting device is a passive display device.

49.(New) The self-light-emitting device according to claim 4 wherein said self-light emitting device is a passive display device.

50.(New) The self-light-emitting device according to claim 5 wherein said self-light-emitting device is a passive display device.

51.(New) The self-light-emitting device according to claim 15 wherein said self-light-emitting device is a passive display device.

BA  
52.(New) The self-light-emitting device according to claim 22 wherein said self-light-emitting device is a passive display device.

53.(New) The self-light-emitting device according to claim 1 wherein said light emitting layer comprises at least an organic material.

54.(New) The self-light-emitting device according to claim 2 wherein said light emitting layer comprises at least an organic material.

55.(New) The self-light-emitting device according to claim 3 wherein said light emitting layer comprises at least an organic material.

56.(New) The self-light-emitting device according to claim 4 wherein said light emitting layer comprises at least an organic material.

57.(New) The self-light-emitting device according to claim 5 wherein said light emitting layer comprises at least an organic material.



58.(New) The self-light-emitting device according to claim 1 wherein said TFT is formed within a silicon substrate.

59.(New) The self-light-emitting device according to claim 2 wherein said TFT is formed within a silicon substrate.

60.(New) The self-light-emitting device according to claim 3 wherein said TFT is formed within a silicon substrate.

61.(New) The self-light-emitting device according to claim 4 wherein said TFT is formed within a silicon substrate.

62.(New) The self-light-emitting device according to claim 5 wherein said TFTs are within a silicon substrate.

63.(New) The self-light-emitting device according to claim 11 wherein a surface of said insulating layer is substantially flush with surfaces of said at least two first electrodes.

64.(New) The self-light-emitting device according to claim 11 wherein said first electrodes function as a cathode while said second electrode functions as an anode.

65. (New) A self-light-emitting device according to claim 1,

wherein the organic resin comprises a material selected from the group consisting of acrylic resin, polyimide resin, a polyamide resin.

66. (New) A self-light-emitting device according to claim 2,

wherein the organic resin comprises a material selected from the group consisting of acrylic resin, polyimide resin, a polyamide resin.

BA  
and.

67. (New) A self-light-emitting device according to claim 3,

wherein the organic resin comprises a material selected from the group consisting of acrylic resin, polyimide resin, a polyamide resin.

68. (New) A self-light-emitting device according to claim 4,

wherein the organic resin comprises a material selected from the group consisting of acrylic resin, polyimide resin, a polyamide resin.

69. (New) A self-light-emitting device according to claim 15,

wherein the organic resin comprises a material selected from the group consisting of acrylic resin, polyimide resin, a polyamide resin.

70. (New) A self-light-emitting device according to claim 1,

wherein the organic resin comprises a resin containing a high molecular compound of siloxane.

71. (New) A self-light-emitting device according to claim 2,  
wherein the organic resin comprises a resin containing a high molecular compound of  
siloxane.

72. (New) A self-light-emitting device according to claim 3,  
wherein the organic resin comprises a resin containing a high molecular compound of  
siloxane.

73. (New) A self-light-emitting device according to claim 4,  
wherein the organic resin comprises a resin containing a high molecular compound of  
siloxane.

74. (New) A self-light-emitting device according to claim 15,  
wherein the organic resin comprises a resin containing a high molecular compound of  
siloxane.

75. (New) A self-light-emitting device according to claim 1,  
wherein the organic resin comprises CYCLOTEN.

76. (New) A self-light-emitting device according to claim 2,  
wherein the organic resin comprises CYCLOTEN.

77. (New) A self-light-emitting device according to claim 3,

wherein the organic resin comprises CYCLOTEN.

78. (New) A self-light-emitting device according to claim 4,  
wherein the organic resin comprises CYCLOTEN.

79. (New) A self-light-emitting device according to claim 15,  
wherein the organic resin comprises CYCLOTEN.

80. (New) A self-light-emitting device according to claim 1,  
wherein the viscosity of the organic resin is  $10^{-3}$  Pa · s to  $10^{-1}$  Pa · s.

81. (New) A self-light-emitting device according to claim 2,  
wherein the viscosity of the organic resin is  $10^{-3}$  Pa · s to  $10^{-1}$  Pa · s.

82. (New) A self-light-emitting device according to claim 3,  
wherein the viscosity of the organic resin is  $10^{-3}$  Pa · s to  $10^{-1}$  Pa · s.

83. (New) A self-light-emitting device according to claim 4,  
wherein the viscosity of the organic resin is  $10^{-3}$  Pa · s to  $10^{-1}$  Pa · s.

84. (New) A self-light-emitting device according to claim 15,  
wherein the viscosity of the organic resin is  $10^{-3}$  Pa · s to  $10^{-1}$  Pa · s.

---